



Water Efficient Product Market Enhancement Program: Landscape Irrigation Products

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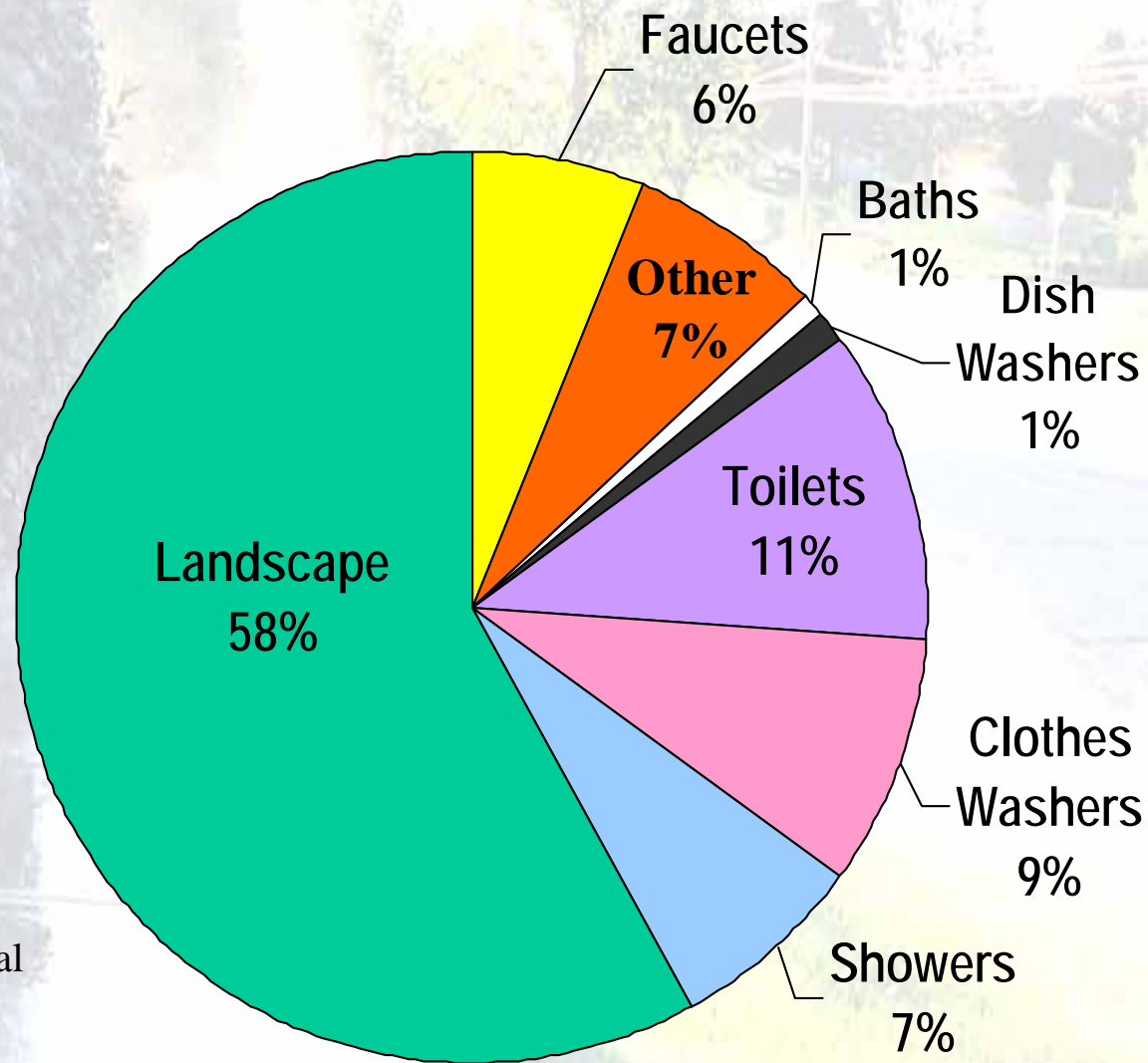
Municipal Water District of Orange County

EPA Public Meeting

Wyndham, Phoenix, AZ.

February 17, 2004

Residential Water Usage



Source: AWWARF Residential
End Uses of Water, 1999

February 17, 2004

The Problem



Phase I Study – Res. Weather-Based Irrigation Scheduling

- Identified water savings of 37 gpd or 16% of landscape water use
 - Saved 85% of the savable water
- 97% of controller recipients noted no change or observed improvements to landscape appearance
- Identified the need for a Phase II Study to quantify linkage to watershed management

Phase II - Residential Runoff Reduction Study

- Identified water savings of:
 - 41 gpd at single-family homes, and
 - 472 gpd in small commercial landscapes
- Runoff Flow Reduction: 64 – 71%
- Water Quality Analysis found no statistically detectable change in concentration
- Customer Satisfaction:
 - 75% would recommend
 - 58% would not pay monthly fee

Landscape Water Savings Pyramid

the Landscape Water Savings Approach for Orange County

Existing Development

New Development

